

WCPO skipjack MP monitoring strategy

MI-WP-02

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SPC-OFP
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Monitoring Strategy

- Routinely checks management procedure performing as expected
- Considers:
 - procedures for evaluating and testing MPs;
 - identification of scenarios to be added to the OM grid;
 - preparation and application of the EM
 - performance of the MP as a whole.
- May identify changes in the dynamics of the fishery resulting from environmental, economic or social factors that may require a reconsideration for the management objectives and the testing of alternative MPs

Where are we?

- Elements and outline in CMM 2022-01
- Monitoring strategy framework presented to SC19 and WCPFC20
 - SC19 supported the proposed monitoring strategy (scheduled for adoption at WCPFC20)
 - WCPFC20 noted a need for intersessional work to develop it further for WCPFC21
- Issues arising:
 - Monitoring catch and effort levels specified under the MP
 - Practical issues when running the MP
 - Implementation of catch and effort limits arising from MP

Monitoring catch and effort

- Compliance with MP outputs
- TCC tasking to review catch and effort in relation to catch and effort limits specified by the MP
 - For fisheries subject to the MP (CMM 2022-01)
 - When data become available

Updating estimation method

- Issue of reduced pole and line fishing in tropical region
 - CPUE time series input into estimation method
- Covered in SC20-MI-WP-01

Alignment with CMM 2023-01

- Implementation of WCPO skipjack MP through TT-CMM (CMM 2023-01)
- Disconnect between MP settings and effort levels detailed in Tables 1 and 2
 - Revise MP to align with CMM 2023-01
 - Revise CMM 2023-01 to align with MP
- Consider the new FAD closure period within CMM 2023-01
 - May require additional MP testing

Monitoring strategy table

- SC19/WCPFC20 table updated with details above

| c. Other sources of data to monitor performance | | |
|--|--|------------|
| SC | TCC | Commission |
| <p>Identify any other data, as available, that might not be included in the MSE framework, that can inform on performance indicators (economic, social, ecosystem, etc.)</p> <p>SC19: No new information noted at SC19. SC20: No other sources of data have been identified.</p> | <p>Identify any other data, as available, that might not be included in the MSE framework, that can inform on performance indicators (economic, social, ecosystem, etc.)</p> | |
| d. Performance of the estimation method (EM) | | |
| SC | TCC | Commission |
| <p>Confirm the EM is performing well and not subject to estimation failure.</p> <p>SC19: Overall the EM performed well and provided estimates of stock status within the prediction range of the MSE.</p> | <p>No input anticipated.</p> | |

Recommendations

- Review the information provided in the skipjack MP monitoring strategy (Table 1)
- Add any additional issues and commentary to Table 1 column 1 (SC) for consideration by TCC20 and WCPFC21.